

FORTY-SECOND ANNUAL REPORT OF THE
BOARD OF ACTUARIES OF THE CIVIL
SERVICE RETIREMENT SYSTEM

LETTER

FROM

CHAIRMAN

U.S. CIVIL SERVICE COMMISSION

TRANSMITTING

THE FORTY-SECOND ANNUAL REPORT OF THE BOARD OF
ACTUARIES OF THE CIVIL SERVICE RETIREMENT SYSTEM
FOR THE FISCAL YEAR ENDED JUNE 30, 1962, PURSUANT
TO SECTION 16 OF THE CIVIL SERVICE RETIREMENT ACT



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LETTER OF TRANSMITTAL

U.S. CIVIL SERVICE COMMISSION,
Washington, D.C., July 15, 1963.

HON. JOHN W. McCORMACK,
Speaker of the House of Representatives, Washington, D.C.

DEAR MR. SPEAKER: The Commission is pleased to send you herewith the 42d Annual Report of the Board of Actuaries of the Civil Service Retirement System for the fiscal year ended June 30, 1962, submitted in pursuance of section 16 of the Civil Service Retirement Act.

The report has also been sent to the President of the Senate.

Sincerely yours,

JOHN W. MACY, Jr., *Chairman.*

III

LETTER OF SUBMITTAL

NEW YORK, N.Y., *May 31, 1963.*

U.S. CIVIL SERVICE COMMISSION
Washington, D.C.

DEAR COMMISSIONERS: The Board of Actuaries appointed under section 16(g) of the Civil Service Retirement Act has the honor to submit herewith its 42d annual report on the operation of the fund.

The report gives a statement of the Government appropriation necessary to finance the fund on the normal cost-plus-interest basis, under the benefit and contribution provisions of the act as amended to June 30, 1962, and on the basis of the estimated membership of the fund as of that date.

Respectfully submitted.

GEORGE B. BUCK.
DORRANCE C. BRONSON,
R. R. REAGH,

Board of Actuaries, Civil Service Retirement System.

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42D ANNUAL REPORT OF THE BOARD OF ACTUARIES OF THE CIVIL SERVICE RETIREMENT SYSTEM

The civil service retirement and disability fund was established in 1920 to furnish retirement benefits to officers and employees of the U.S. Government who become superannuated in governmental service or incapacitated before attaining old age. The Retirement Act makes provision for a Board of Actuaries of the Civil Service Retirement System and in section 16(g) defines the chief duties of the Board, as follows:

* * * to report annually upon the actuarial status of the system and to furnish its advice and opinion on matters referred to it by the Commission, and it shall have the authority to recommend to the Commission and to the Congress such changes as in the Board's judgment may be deemed necessary to protect the public interest and maintain the system upon a sound financial basis. The Commission shall keep or cause to be kept such records as it deems necessary for making periodic actuarial valuations of the Civil Service Retirement System, and the Board shall make such valuations at intervals of five years, or oftener if deemed necessary by the Commission. * * *

This report, which has been prepared as of June 30, 1962, is the 42d annual report of the Board of Actuaries. The report gives first a summary of the main benefit and contribution provisions of the act as amended to June 30, 1962. This summary is followed by an estimate of the present membership and a table showing the number and amount of annuities in force on June 30, 1962. The report next gives a discussion of the appropriation payable by the Government for the support of the fund. Statements giving the results of a valuation of the liabilities on account of annuities in force as of June 30, 1962, and the results of the mortality experience of annuitants for the past year are then submitted. In conclusion, the Board makes certain comments on the present operation of the fund.

SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS OF THE CIVIL SERVICE RETIREMENT ACT

Public Law 87-793, approved October 11, 1962, provides for higher salaries and adjustments in annuities. The cost of this law is not included in this valuation nor are the improved benefits incorporated in the summary below. However, a discussion of the law is included with the Board's conclusions on page 9.

The following summary states the main benefit and contribution provisions of the Retirement Act currently in effect as they were interpreted by the Board of Actuaries. "Average salary" is used to denote the average annual basic salary received by the employee during any 5 consecutive years of creditable service which affords the highest average. "Lump-sum credit" means the unrefunded amount consisting of the retirement deductions made from the employee's basic salary; any sums deposited by the employee covering prior service; and interest on such deductions and deposits, at 4 percent per annum to December 31, 1947, and at 3 percent per annum thereafter, compounded annually to December 31, 1956, or, in the case of

an employee who separates before he has 5 years of service, to the date of separation. The lump-sum credit does not include interest if the service covered thereby aggregates 1 year or less.

BENEFITS

Service retirement

*Condition for eligibility.*¹—Retirement is compulsory at age 70 after 15 years of service, with certain exceptions.

Retirement is permissible at the option of the employee at age 60 after 30 years of service or at age 62 and 5 years of service. A Member of Congress may retire at age 60 after 10 years of Member service.

At the option of the employee at age 55 after 30 years of service, or upon involuntary separation not due to misconduct or delinquency after 25 years of service, or after age 50 and 20 years of service, or upon separation from service of a Member of Congress other than by resignation or expulsion after age 50 and after having served in nine Congresses, an immediate annuity is payable equal to the regular annuity reduced by one-twelfth of 1 percent for each full month not in excess of 60, and one-sixth of 1 percent for each full month in excess of 60, the employee is under age 60.

*Amount of benefit.*²—The annuity is equal to—

- (1) The larger of—
 - (a) 1½ percent of the employee's average salary multiplied by so much of his total service as does not exceed 5 years; or
 - (b) 1 percent of the employee's average salary, plus \$25, multiplied by so much of his total service as does not exceed 5 years; plus
- (2) The larger of—
 - (a) 1¼ percent of the employee's average salary multiplied by so much of his total service as exceeds 5 years but does not exceed 10 years; or
 - (b) 1 percent of the employee's average salary, plus \$25, multiplied by so much of his total service as exceeds 5 years but does not exceed 10 years; plus
- (3) The larger of—
 - (a) 2 percent of the employee's average salary multiplied by so much of his total service as exceeds 10 years; or
 - (b) 1 percent of the employee's average salary, plus \$25, multiplied by so much of his total service as exceeds 10 years.

No annuity is to exceed 80 percent of the employee's average salary exclusive of that provided by voluntary contributions.

¹ Certain employees who have rendered 20 years of service in the investigation, apprehension, or detention of persons suspected or convicted of offenses against the criminal laws of the United States are eligible to retire after age 50 and receive an annuity of 2 percent of average salary multiplied by the number of years of service.

² An additional annuity of \$36 for each year of certain specified service in Alaska or on the Isthmus of Panama is allowed officers and employees who are citizens of the United States. The annuity of a congressional employee or former congressional employee is computed as above except that for each year of military service and service as a congressional employee, not in excess of 15 years, and for each year of Member service, the annuity is equal to 2¼ percent of average salary provided he has at least 5 years of service as a congressional employee or Member or any combination of such service. The annuity of a Member of Congress or of a former Member with title to a Member annuity is computed as above except that if he has had at least 5 years of service as a Member or a congressional employee or any combination of such service, the annuity for each year of Member service and creditable military service and for each year of congressional service not in excess of 15 years, is equal to 2½ percent of average salary; the maximum annuity is 80 percent of final salary exclusive of that provided by voluntary contributions.

Disability retirement

Conditions for eligibility.—Retirement is permissible upon disability after 5 years of civilian service.

Amount of benefit.—The benefit is determined by the same method as used for service retirement. The minimum annuity is 40 percent of the employee's average salary but never greater than the annuity he would be entitled to were his service to include the period elapsing between the date of separation and the date he attains age 60. The provision for a minimum benefit does not increase the annuity payable to any survivor.

An individual generally may not receive retirement annuity and compensation for injury or disability to himself from the U.S. employees' compensation fund for the same period, but if eligible for both benefits must choose one or the other. However, he may concurrently receive annuity and scheduled disability payments or medical services.

Deferred retirement

Condition for eligibility.—Upon separation from service after 5 or more years of civilian service, a deferred annuity is payable at age 62. A Member separated with 10 years of Member service may receive a deferred annuity beginning at age 60, or, with 20 years of service (including 10 years Member service) may receive a deferred annuity beginning at age 50, reduced as described under "service retirement."

Amount of benefit.—The deferred annuity is computed by the same method as the regular annuity.

An employee may elect to receive his lump-sum credit in lieu of the deferred annuity, provided separation occurs and application is filed at least 31 days before the annuity commencing date.

Lump-sum benefits

Upon separation from active service before completion of 5 years of civilian service, the employee's lump-sum credit is paid to him.

Upon death before 5 years of civilian service or after 5 years of civilian service where there is no survivor entitled to an annuity, the employee's lump-sum credit is paid to his beneficiary.

Upon death of a retired employee before the payments of the annuity equal the lump-sum credit the difference is paid, unless there is a survivor entitled to an annuity. Upon termination of all survivor annuities before total annuity payments equal the lump-sum credit, the difference is paid.

Annuities to dependents upon death in active service

Condition for eligibility.—Annuities to dependents are paid upon death of an employee in active service after 5 years of civilian service.

Amount of benefit.—(a) If survived by a widow or dependent widower, an annuity beginning after the death of the employee equal to one-half regular annuity is payable until death or remarriage of widow or widower or until the widower becomes capable of self-support.

(b) If survived by a widow or widower each surviving child who received more than one-half his support from the employee shall be paid an annuity equal to the smallest of (1) 40 percent of the employee's average salary divided by the number of children, (2) \$600, or (3) \$1,800 divided by the number of children.

(c) If survived by a child or children and there is no widow or widower, each surviving child shall be paid an annuity, equal to the smallest of (1) 50 percent of the employee's average salary divided by the number of children, (2) \$720, or (3) \$2,160 divided by the number of children.

Upon death of the widow or widower, the annuity payable under (b) to a child or children is recomputed and paid as provided in (c).

The annuity payable to a child is terminated upon attainment of age 18, marriage, or death, whichever is earlier, except if such child is incapable of self-support by reason of mental or physical disability incurred before age 18 his annuity is terminated only upon death, marriage, or recovery from such disability.

Upon termination of the annuity of a child, the annuities to other children are recomputed as though the child whose annuity was terminated had not survived the employee.

Optional benefits

At retirement a married employee may elect to receive in lieu of his or her regular annuity a reduced annuity payable during the employee's life and an annuity payable to the surviving widow or widower equal to 50 percent of as much of his regular annuity before reduction as he designated. The annuity to the survivor commences after the retired employee dies and ceases upon death or remarriage. The reduction in the employee's annuity exclusive of any portion of the annuity payable on account of the minimum provisions in cases of disability retirement is 2½ percent of so much of the regular annuity as he designated as does not exceed \$2,400, plus 10 percent of any excess over \$2,400.

At service or deferred retirement any unmarried employee in good health may elect to receive in lieu of his regular annuity a reduced annuity payable during his life and an annuity payable after his death to a survivor annuitant equal to 50 percent of such reduced annuity. The annuity payable to the employee is reduced by 10 percent of his regular annuity and by an additional 5 percent of the regular annuity for each full 5 years the person designated is younger than the retiring employee but such total reduction shall not exceed 40 percent.

Annuities to dependents upon death after retirement

Upon the death of an annuitant, benefits calculated in the same manner and payable under the same conditions as those granted upon the death of employees in active service are payable to surviving children.

CONTRIBUTIONS

By employees

Regular.—Employees other than Members of Congress pay 6½ percent of salary commencing October 1, 1956. Members of Congress pay 7½ percent of salary for Member service commencing October 1, 1956.

Voluntary.—Any employee who does not owe a deposit for prior service may contribute additional sums in multiples of \$25, but the total amount may not exceed 10 percent of the employee's basic salary for service rendered since August 1, 1920. Voluntary contributions earn 3-percent interest, compounded annually. Any regular contributions made by an employee after he has performed sufficient service to entitle him to the maximum annuity are first

applied to any deposit due, and the balance is deemed to be voluntary contributions. Additional annuity may be purchased at retirement by the voluntary contribution account, or it may be refunded at any time prior to receipt of any additional annuity.

By Government

Beginning July 1957, each employing agency must contribute amounts equal to the deductions of its employees.

While no direct appropriations are required by law, estimates of amounts needed to finance the fund on a "normal cost-plus-interest basis" are to be submitted.

ESTIMATED ACTIVE MEMBERSHIP AS OF JUNE 30, 1962

The active membership of the fund as of June 30, 1962, was estimated by the Civil Service Commission to consist of 2,250,000 employees with an annual payroll of \$13,096,300,000.

ANNUITANTS ON THE ROLL AS OF JUNE 30, 1962

The following table summarizes the number and amount of annuities in force on June 30, 1962, as shown by the records of annuitants maintained by the Civil Service Commission. On pages 10 to 16 of this report, the distributions of the number and annuities of annuitants on the roll as of June 30, 1962, by age, are given.

TABLE I.—The number and annual annuities of annuitants on the roll as of June 30, 1962

Group	Regular annuities		Voluntary annuities		Total annuities
	Number	Amount	Number	Amount	
Retired on account of age and voluntary and involuntary separations:					
Men.....	240,805	\$548,091,552	6,410	\$1,613,076	\$549,704,628
Women.....	63,125	102,944,808	2,513	566,640	103,511,448
Total.....	304,020	651,036,360	8,923	2,179,716	663,216,076
Retired on account of disability:					
Men.....	95,070	155,208,600	607	133,560	155,342,160
Women.....	26,941	36,686,592	334	56,316	36,742,908
Total.....	122,011	191,895,192	1,001	189,876	192,085,068
Survivors of deceased employees:					
Children.....	28,407	12,431,172			12,431,172
Widows.....	53,499	47,018,148			47,018,148
Widowers.....	60	35,220			35,220
Total.....	81,966	59,484,540			59,484,540
Survivors of deceased annuitants: ¹					
Children.....					
Widows.....	7,161	3,075,192			3,075,192
Terminable on death, remarriage, or attainment of age 50.....	351	200,016			200,016
Terminable on death or remarriage.....	37,725	40,605,636			40,605,636
Terminable on death only.....	31,260	17,434,764			17,434,764
All others.....	1,052	523,788			523,788
Men.....					
Women.....	47	27,360			27,360
Total.....	77,821	62,071,092			62,071,092
Widows and widowers granted annuities under sec. 2 of Public Law 85-466.....	15,896	7,780,416			7,780,416
Grand total.....	601,714	972,267,600	9,924	2,369,592	974,637,192

¹ Includes voluntary annuities continued to survivors.

METHOD OF FINANCING PLAN

Each employee contributes 6½ percent of his compensation and each employing agency matches the contributions of its employees. The act does not specifically provide for direct appropriations by the Government but does state that "the Commission shall submit estimates of the appropriations necessary to finance the fund on a normal cost-plus-interest basis and to continue this Act in full force and effect." Under this provision, the estimated appropriation submitted by the Commission should consist of the part of the normal contribution not met by employees' contributions and those of employing agencies, and interest on the deficiency.

The normal contribution rate is the average percentage of the salaries of new employees that is required to be paid into the fund from the time they enter service until they leave service in order to accumulate sufficient funds to pay their benefits. Contributions at the normal contribution rate alone will not support the fund for present employees because there is an accrued liability in the fund for which no appropriations have been made, and which is referred to as the "deficiency." This deficiency arose originally when the fund was established and employees were given credit for their prior service during which no contributions had been made by the Government. This deficiency has grown during the years the fund has operated for various reasons including liberalization of benefits and inadequate contributions. If the deficiency is not to increase in the future the full normal contribution should be met and interest on the deficiency paid. Any amount needed to meet these requirements over and above the contributions provided by members and the matching contributions of the employing agencies will need to be met by Government appropriations if the fund is to be financed on the "normal cost-plus-interest basis."

ANNUAL APPROPRIATION OF GOVERNMENT AS OF JUNE 30, 1962

The following statement as of June 30, 1962, gives an estimate of the amount payable by the Government on the basis of the estimated payroll as of that date should it make an annual appropriation equal to the normal cost not met by the contributions of employees and employing agencies plus the interest on the deficiency.

TABLE II.—Total annual contributions required to support the civil service retirement system on the normal cost-plus-interest method prepared as of June 30, 1962

Contribution	Normal cost as—		Deficiency cost as—		Total cost as—	
	Per- cent of payroll	Annual amount	Per- cent of payroll	Annual amount	Per- cent of payroll	Annual amount
Total	13.83	\$1,811,210,000	7.71	\$1,009,801,000	21.54	\$2,821,019,000
Payable by employees	6.50	851,259,000			6.50	851,259,000
Payable by Government: em- ploying agencies	6.50	851,259,000			6.50	851,259,000
Additional	.83	108,700,000	0.71	1,009,801,000	8.54	1,118,501,000

The normal cost to support the benefits accruing on account of current service is equivalent to 13.83 percent of payroll, which is the normal cost shown in last year's report. The employees contribute 6.50 percent toward the normal cost and the employing agencies match their employees' contributions. Therefore, there remains 0.83 percent to be appropriated by the Government to meet the normal cost. On the basis of the estimated payroll as of June 30, 1962, this represents an annual payment of \$108,700,000. In addition to the normal cost, the table shows a deficiency payment of \$1,009,801,000 to meet the accruing interest at 3 percent on the estimated deficiency as of June 30, 1962. Therefore, the total annual appropriation needed in addition to the contributions of employees and employing agencies is \$1,118,501,000, if the fund is to be supported on the "normal cost-plus-interest basis."

The amount of the annual deficiency payment is greater than that shown in last year's report due to the fact that during the fiscal year 1962 no direct appropriation was made by the Government other than an amount to cover the increases in annuities and new annuities granted under Public Law 85-465 for the year 1962. As a result, the deficiency which as of June 30, 1961, was approximately \$32,547 million has increased to approximately \$33,660 million. The increase consists of the unpaid interest on the deficiency at the beginning of the year, the deficiency in interest income and the part of the accruing normal cost, with interest thereon, that exceeded the contributions by employees and the employing agencies. Since no direct appropriation is being made by the Government for the year 1963, the deficiency next year will again be greater by the amount of the deficit in the normal contribution and the interest on the deficiency. The deficiency will continue to increase until the full normal cost is met and interest on the deficiency is paid.

LIABILITIES OF FUND ON ACCOUNT OF ANNUITANTS ON THE ROLL AS OF JUNE 30, 1962

In accordance with its usual practice, the Board of Actuaries is presenting below the results of a valuation of the liabilities of the fund on account of annuitants on the roll. This valuation, prepared as of June 30, 1962, was based on the mortality tables included in the 38th annual report of the Board. A 3-percent interest rate was used.

TABLE III.—Liabilities on account of annuitants as of June 30, 1962

Group	Present value of benefits to annuitants on the roll		
	Regular annuities	Voluntary annuities	Total annuities
Retired on account of age and voluntary and involuntary separation.....	\$6,036,535,000	\$20,220,000	\$6,056,755,000
Retired on account of disability.....	1,896,258,000	1,788,000	1,898,046,000
Reversionary annuities to designated beneficiaries ¹	1,265,353,000		1,265,353,000
Survivorship annuities ¹	1,425,691,000		1,425,691,000
Total.....	10,623,837,000	22,008,000	10,645,845,000

¹ Includes voluntary annuities.

In the 41st annual report of the Board, the liabilities on account of annuities payable to annuitants on the roll as of June 30, 1961, were shown to be \$9,611,561,000, as compared with \$10,645,845,000 as of June 30, 1962, or an increase in liabilities of more than a billion dollars during the year ended June 30, 1962.

SUMMARY OF MORTALITY EXPERIENCE OF ANNUITANTS FOR THE
YEAR ENDED JUNE 30, 1962

For the purpose of making a check of the mortality tables adopted for annuitants, the actual and expected number of deaths during the past year were compared, separately for men and women who had retired on account of age, or voluntary or involuntary separation from service; and for men and women who had retired on account of disability. The following table summarizes the results of the comparison.

TABLE IV.—Summary of the comparison of the actual and expected deaths among annuitants July 1, 1961, to June 30, 1962

Group	Number of deaths			Ratio of actual cases to expected cases
	Actual	Expected	Difference	
Employee annuitants retired on account of age or voluntary or involuntary separation:				
Men.....	12,126	12,769.2	+643.2	0.950
Women.....	1,721	1,824.1	+103.1	.943
Employee annuitants retired on account of disability:				
Men.....	5,552	6,067.7	+515.7	.915
Women.....	945	1,043.7	+98.7	.905

A check of the tables used for widows was also prepared this year. The following table summarizes the comparison:

TABLE V.—Summary of the actual and expected terminations among female survivors of deceased employees and annuitants, July 1, 1961, to June 30, 1962

Cause of termination	Number of terminations			Ratio of actual cases to expected cases
	Actual	Expected	Difference	
Death.....	3,975	3,988.2	+13.2	0.997
Remarriage.....	1,138	985.3	-152.7	1.155

The expected terminations shown in the preceding tables were based on the mortality and termination rates shown in the Board's 38th report. The actual rates of mortality continued to be less than the expected rates. However, the actual rates were closer to the expected rates than in the previous year.

CONCLUSIONS

During the year ended June 30, 1962, the deficiency increased by more than a billion dollars, from \$32,547 million to \$33,660 million. The increase arose from insufficient contributions and the deficiency in interest earnings.

As of October 11, 1962, Public Law 87-793 was approved. This legislation was not taken into account in determining the deficiency as of June 30, 1962, but will have a considerable effect on the deficiency as of June 30, 1963.

There are two parts of the act that affect the Civil Service Retirement System. Part II of Public Law 87-793 provides for revised basic compensation schedules for Federal employees. The higher salaries provided by these schedules become effective in October 1962 and January 1964. Since retirement benefits are based on the average annual basic salary received by an employee during any 5 consecutive years of creditable service which affords the highest average, the benefits based on past service will be increased considerably, which will in turn increase the deficiency. The increase in deficiency as of June 30, 1963, that will arise on account of these salary increases has been estimated to be in excess of \$2 billion.

Part III of Public Law 87-793 provides for an adjustment in annuities to those now on the retirement roll and those who retire up to December 31, 1966, and also provides for future automatic adjustments in annuities for present and future retirees if the Consumer Price Index continues to rise. Part III also increased the benefits to be paid to certain survivors of employees who die in service or after retirement and amended the definition of "child" to include a full-time student under age 21. Since the act did not authorize funds for the increase in annuities and the stipulation contained in Public Law 85-844, that no increase or new annuity benefits enacted by amendment to the Civil Service Retirement Act after August 28, 1958, can become effective until there is appropriated an amount sufficient to prevent an immediate increase in the unfunded accrued liability, applies, no adjustment in the deficiency or normal cost is being made at this time. It is assumed that the payment of these benefits will be contingent on annual appropriations by the Government. However, such liberalization of benefits where the present benefits are not being adequately financed is throwing a greater and greater burden on future taxpayers.

As this report indicates, the deficiency continues to increase at an alarming rate. The mortality experience of annuitants indicates that more conservative mortality tables are in order and that the adoption of such would further increase the deficiency.

The Board wishes to restate—and again emphasize—the recommendation given in previous reports for action, namely, that the Government make direct appropriations equal to the amount necessary in addition to the contributions of employees and employing agencies to meet the full normal cost and the amount of accruing interest on the deficiency, or that preferably it adopt a definite revision of the act which will accomplish this purpose.

TABLE 1.—The number and regular monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1962—Retired on account of age and voluntary and involuntary separations

Age	Men		Women		Age	Men		Women	
	Num-ber	Monthly annuities	Num-ber	Monthly annuities		Num-ber	Monthly annuities	Num-ber	Monthly annuities
43.....	1	\$191			75.....	9,431	\$1,551,413	2,245	\$279,724
45.....	6	1,762	2	\$322	76.....	8,130	1,346,318	2,056	254,906
46.....	7	1,742	6	1,080	77.....	6,329	1,076,358	1,689	210,303
47.....	16	4,032	7	1,775	78.....	5,842	981,869	1,513	185,245
48.....	26	5,344	6	1,162	79.....	4,886	818,181	1,254	152,451
49.....	62	14,314	5	816	80.....	4,364	709,969	1,039	127,993
50.....	100	25,572	18	3,692	81.....	3,531	581,626	849	105,836
51.....	226	60,951	32	5,967	82.....	3,082	493,754	704	88,972
52.....	273	72,988	44	9,006	83.....	2,567	405,156	592	73,255
53.....	339	85,624	80	15,621	84.....	2,017	316,125	460	57,968
54.....	399	100,272	82	15,620	85.....	1,621	248,558	373	48,012
55.....	654	166,694	121	23,905	86.....	1,439	220,884	330	41,942
56.....	1,449	392,387	241	50,122	87.....	1,066	165,300	247	30,875
57.....	1,847	487,507	305	65,183	88.....	828	130,802	181	23,247
58.....	2,183	574,350	370	83,654	89.....	696	92,656	134	17,388
59.....	2,489	655,218	436	95,312	90.....	435	67,683	106	13,145
60.....	3,182	847,990	604	133,661	91.....	310	46,340	71	9,370
61.....	3,826	1,047,893	717	170,902	92.....	225	35,900	56	6,817
62.....	5,642	1,426,580	1,589	281,411	93.....	154	24,489	38	4,775
63.....	8,066	1,817,352	3,005	438,653	94.....	102	16,936	31	4,470
64.....	9,932	2,169,189	3,549	501,011	95.....	66	11,265	11	1,075
65.....	11,287	2,342,428	3,725	494,835	96.....	45	7,357	12	1,437
66.....	14,940	2,825,200	4,138	548,675	97.....	19	2,995	7	677
67.....	16,131	3,081,487	4,210	563,985	98.....	11	1,811	4	598
68.....	16,281	2,989,230	4,057	524,199	99.....	14	2,216	3	438
69.....	15,373	2,784,126	3,817	499,294	100.....	5	755	2	188
70.....	16,151	2,907,563	4,017	518,501	101.....	4	784		
71.....	14,976	2,744,477	3,965	523,583	102.....	3	441		
72.....	13,816	2,438,453	3,620	459,226	103.....	1	105		
73.....	12,553	2,218,421	3,430	434,711	Total.....	240,895	45,674,296	63,125	8,878,734
74.....	11,650	1,926,908	2,914	368,748					

TABLE 2.—The number and voluntary monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1962—Retired on account of age and voluntary and involuntary separations

Age	Men		Women		Age	Men		Women	
	Num-ber	Monthly annuities	Num-ber	Monthly annuities		Num-ber	Monthly annuities	Num-ber	Monthly annuities
50.....			2	\$10	74.....	216	\$6,138	127	\$2,183
51.....	3	\$83	1	40	75.....	232	7,293	82	1,869
52.....	1	7	3	61	76.....	197	5,420	89	1,613
53.....	4	114	5	106	77.....	162	4,845	89	1,970
54.....	4	223	1	49	78.....	140	4,337	65	964
55.....	4	120	1	25	79.....	117	3,174	62	974
56.....	14	192	4	84	80.....	88	2,218	32	558
57.....	20	297	10	230	81.....	87	2,463	34	530
58.....	30	582	10	275	82.....	63	1,430	22	394
59.....	42	585	8	75	83.....	48	1,216	17	264
60.....	53	610	25	422	84.....	29	742	13	173
61.....	108	1,290	37	572	85.....	26	774	11	128
62.....	208	2,076	56	841	86.....	29	784	7	106
63.....	290	3,990	111	1,728	87.....	13	465	6	62
64.....	302	3,997	146	2,728	88.....	11	357	5	60
65.....	342	5,142	120	2,198	89.....	9	229	3	44
66.....	410	6,599	165	2,963	90.....	3	44	1	28
67.....	473	8,956	167	3,374	91.....	3	90	2	8
68.....	441	8,792	183	3,710	92.....	2	123		
69.....	437	9,049	166	3,523	93.....	1	5		
70.....	505	10,007	158	2,900	94.....	1	1		
71.....	604	12,110	187	3,009	Total.....	18,410	134,423	2,513	47,220
72.....	388	9,722	137	3,031					
73.....	250	7,693	153	3,358					

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TABLE 3.—The number and regular monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1962—Retired on account of disability

Age	Men		Women		Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities		Number	Monthly annuities	Number	Monthly annuities
23			2	\$264	63	3,666	549,880	1,279	147,508
24	1	\$116	2	242	64	4,406	625,458	1,370	152,241
25	1	136	3	380	65	4,740	642,117	1,163	127,261
26	4	533	2	243	66	5,925	751,423	1,169	128,203
27	8	1,290	7	862	67	5,587	690,044	1,064	112,173
28	12	1,788	9	1,135	68	4,801	565,087	944	90,703
29	30	4,095	11	1,388	69	4,203	474,446	820	81,774
30	57	7,617	21	2,766	70	3,744	406,341	770	76,569
31	70	10,098	27	3,384	71	2,753	295,158	651	63,225
32	73	10,434	30	4,063	72	2,223	230,360	515	50,420
33	116	16,080	31	3,560	73	1,944	195,412	483	48,963
34	150	19,906	40	4,507	74	1,569	157,613	368	37,497
35	294	40,845	63	7,739	75	1,117	112,745	306	31,206
36	334	45,530	78	10,035	76	855	89,486	276	28,942
37	438	58,744	116	14,098	77	558	62,934	252	25,317
38	517	70,017	127	14,803	78	512	54,800	181	19,347
39	648	89,182	163	19,603	79	383	41,590	154	15,898
40	780	106,305	182	22,122	80	361	39,240	135	14,782
41	898	127,622	197	24,799	81	300	34,580	124	13,108
42	979	138,490	213	25,931	82	241	26,000	97	10,054
43	991	187,960	209	25,412	83	224	25,866	98	10,935
44	1,031	147,032	270	33,946	84	172	22,366	73	8,099
45	1,088	166,947	254	32,083	85	139	16,653	62	6,850
46	1,197	173,166	276	34,210	86	107	13,045	51	6,307
47	1,180	170,244	336	42,000	87	79	8,875	36	4,594
48	1,276	183,742	377	46,757	88	53	6,164	27	3,374
49	1,351	198,703	409	49,595	89	28	3,323	32	3,700
50	1,497	221,725	517	62,827	90	28	3,581	12	1,631
51	1,542	232,994	463	66,855	91	24	3,223	15	1,884
52	1,784	269,463	580	72,380	92	17	2,060	10	1,342
53	1,950	298,174	633	77,036	93	1	186	2	307
54	2,060	324,187	736	91,850	94	6	681	3	330
55	2,242	357,471	750	89,207	95	4	398	2	156
56	2,288	374,263	838	100,589	96	1	55	2	244
57	2,473	403,673	828	100,992	97	1	58		
58	2,455	405,783	907	107,492	98	1	186		
59	2,555	419,032	1,013	119,454	99	1	58		
60	2,906	467,992	1,134	132,286	100	1	58		
61	3,045	487,392	1,080	125,996	Total	95,070	12,934,050	26,941	3,057,216
62	3,975	601,382	1,461	163,425					

TABLE 4.—The number and voluntary monthly annuities of annuitants on the roll, classified by sex and age as of June 30, 1962—Retired on account of disability

Age	Men		Women		Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities		Number	Monthly annuities	Number	Monthly annuities
36			1	\$1	67	51	\$828	12	\$243
38	1	\$3			68	35	723	16	283
43			1	44	69	36	600	12	155
44	2	27	1	2	70	48	1,316	19	292
45			1	22	71	28	436	17	191
46	2	16	1	4	72	23	381	9	142
47	4	26			73	23	379	15	201
48	4	22	1	16	74	12	242	7	25
49	2	75	5	16	75	18	222	5	59
50	5	50	2	12	76	9	63	7	62
51	3	56	2	15	77	7	60	5	45
52	6	54	1	11	78	7	96	1	34
53	4	63	5	88	79	6	59	2	7
54	9	139	4	16	80	7	188	1	31
55	8	105	2	5	81	4	59	6	97
56	13	230	7	24	82			2	25
57	11	137	10	173	83	2	15	1	8
58	19	281	4	60	84	2	6	1	17
59	20	389	9	175	85	2	9	1	4
60	26	346	18	328	86	2	38		
61	22	310	13	125	87	1	14		
62	23	325	15	244	88	1	1		
63	28	470	19	247	92			1	5
64	25	446	25	372					
65	51	1,013	20	388	Total	667	11,130	334	4,693
66	55	807	27	379					

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CIVIL SERVICE RETIREMENT SYSTEM, 1962

TABLE 5.—The number and monthly annuities of survivor annuitants on the roll, classified by age as of June 30, 1962—Survivors of deceased employees

Age	Children		Widows		Widowers	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
Under 6 months.....	16	\$642				
1.....	108	4,188				
2.....	204	7,367				
3.....	317	12,502				
4.....	526	20,834				
5.....	673	26,406				
6.....	865	33,918				
7.....	1,050	39,214				
8.....	1,248	45,847				
9.....	1,448	52,720				
10.....	1,647	58,822				
11.....	1,880	67,303				
12.....	2,080	72,754				
13.....	2,333	83,321				
14.....	2,716	96,847				
15.....	3,099	112,018				
16.....	3,077	112,888				
17.....	2,728	100,141				
18.....	1,580	57,936				
19.....	127	4,833				
20.....	25	1,036	1	\$46		
21.....	33	1,291				
22.....	19	777	1	45		
23.....	28	1,148	8	386		
24.....	25	1,009	11	381		
25.....	24	869	17	608		
26.....	21	825	13	323		
27.....	37	1,417	25	674		
28.....	20	676	36	1,204		
29.....	23	730	55	1,840		
30.....	25	958	80	2,830		
31.....	27	1,161	89	3,294		
32.....	28	1,040	125	4,611		
33.....	31	1,216	181	5,021		
34.....	29	1,010	184	7,670		
35.....	23	905	267	12,413		
36.....	20	1,048	274	13,021		
37.....	25	907	320	15,092		
38.....	23	854	400	19,965		
39.....	23	644	506	29,392		
40.....	31	1,182	548	28,467		
41.....	27	1,090	646	36,320		
42.....	19	674	679	38,589		
43.....	11	468	703	41,159		
44.....	11	490	824	50,997		
45.....	10	351	814	49,816		
46.....	17	520	868	57,868	1	36
47.....	6	206	995	65,582		
48.....	7	253	1,090	73,375		
49.....	8	247	1,138	80,122		
50.....	4	143	1,283	88,867		
51.....	2	63	1,427	104,608		
52.....	4	199	1,544	112,820		
53.....	2	52	1,587	115,594		
54.....	2	51	1,652	125,771		
55.....	3	138	1,760	133,569	1	52
56.....	1	41	1,797	134,874	3	174
57.....	1	30	1,908	140,301	3	108
58.....	1	41	1,664	150,791	1	27
59.....			1,699	154,644	3	90
60.....			2,066	154,374		
61.....			2,080	164,283	2	68
62.....			2,586	180,259	1	16
63.....			2,085	166,326	3	194
64.....			2,283	176,348	3	79
65.....			1,847	152,020	2	96
66.....			1,869	152,620	1	21
67.....			1,773	141,055	4	201
68.....			1,582	125,299	8	560
69.....			1,354	106,226	2	92
70.....			1,175	96,144	4	170
71.....			1,010	76,429	4	149
72.....			872	69,499		
73.....			733	58,181	2	87
74.....			588	46,052		
75.....			402	30,383	1	54
76.....			356	27,062	1	66

TABLE 5.—The number and monthly annuities of survivor annuitants on the roll, classified by age as of June 30, 1962—Survivors of deceased employees—Continued

Age	Children		Widows		Widowers	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
77			300	\$22,582	3	\$266
78			245	18,681	3	131
79			177	12,895	2	80
80			125	9,386	1	33
81			102	7,071		
82			77	5,197		
83			47	2,736		
84			32	1,368		
85			21	1,205		
86			15	676		
87			6	265		
88			8	603	1	85
89			3	195		
90			6	220		
91			1	30		
Total	28,407	1,035,921	53,499	3,918,179	60	2,935

TABLE 6.—The number and monthly annuities of survivor annuitants on the roll, classified by age as of June 30, 1962—Survivors of deceased annuitants¹

Age	Children		Age	Children		Age	Children	
	Number	Monthly annuities		Number	Monthly annuities		Number	Monthly annuities
Under 6 months	0		21	6	\$160	42	16	\$591
1	10	\$251	22	12	530	43	20	782
2	40	1,507	23	12	351	44	17	679
3	57	1,869	24	19	689	45	11	385
4	85	2,967	25	15	576	46	12	463
5	126	4,496	26	21	849	47	14	482
6	151	5,323	27	18	599	48	7	256
7	231	8,020	28	17	631	49	13	637
8	240	8,486	29	14	569	50	10	397
9	306	10,054	30	17	660	51	9	339
10	353	12,350	31	18	623	52	7	238
11	386	13,442	32	19	769	53	9	370
12	473	16,668	33	17	557	54	3	117
13	492	17,229	34	19	845	55	3	104
14	663	23,581	35	19	627	56	3	107
15	777	28,337	36	33	1,139	57	3	122
16	871	32,003	37	23	857	58	3	92
17	858	31,175	38	28	968	59	1	22
18	439	16,329	39	18	687	60	1	33
19	26	839	40	30	1,109	Total	7,161	256,266
20	13	518	41	27	1,001			

¹ Includes voluntary annuities continued to survivors.

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CIVIL SERVICE RETIREMENT SYSTEM, 1962

TABLE 6.—The number and monthly annuities of survivor annuitants on the roll, classified by age as of June 30, 1962—Survivors of deceased annuitants¹—Con.

Age	Widows, annuities terminable on—					
	Death, remarriage, or attainment of age 50		Death or remarriage		Death only	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
22			2	\$57		
23			1	162		
24			2	49		
25			1	20		
26			3	229		
27			7	231		
28	1	\$62	4	74		
29			14	559		
30	1	10	12	462		
31			15	462		
32	3	110	18	799	1	\$55
33	3	133	22	1,050	2	31
34	1	39	32	1,609	2	38
35	5	187	41	2,015	3	122
36	6	251	63	3,353	3	72
37	5	156	69	2,841	6	141
38	12	346	75	4,042	8	197
39	12	577	98	4,908	10	255
40	15	480	114	5,764	9	276
41	15	931	145	8,202	18	561
42	20	787	130	7,532	15	491
43	20	1,098	134	8,490	32	955
44	21	956	164	10,147	33	1,051
45	32	1,481	212	13,021	39	1,203
46	41	2,202	200	13,719	57	1,997
47	37	1,997	287	18,071	67	2,297
48	43	1,738	291	20,398	85	3,048
49	34	1,867	332	23,453	93	3,449
50	24	1,261	399	29,781	127	4,468
51			406	37,554	149	5,064
52			554	44,016	166	6,509
53			568	46,183	173	6,303
54			660	56,259	197	6,983
55			792	65,172	274	10,095
56			963	79,246	273	10,470
57			1,031	88,269	360	13,753
58			1,190	109,997	385	14,460
59			1,424	126,830	423	15,735
60			1,333	116,516	593	22,713
61			1,753	156,844	548	21,389
62			1,602	146,437	709	27,999
63			1,853	168,004	702	27,844
64			1,681	159,857	793	31,160
65			1,838	169,302	882	35,828
66			1,837	172,072	964	41,522
67			1,791	170,329	1,058	43,576
68			1,710	158,494	1,169	49,615
69			1,729	166,618	1,169	51,306
70			1,466	138,761	1,309	57,672
71			1,436	142,461	1,348	63,126
72			1,312	127,713	1,500	71,661
73			1,254	121,804	1,393	66,417
74			938	99,251	1,616	74,710
75			845	84,799	1,416	70,084
76			693	70,837	1,538	78,419
77			570	52,792	1,379	71,579
78			418	41,319	1,322	68,315
79			329	30,778	1,169	59,967
80			236	21,666	1,116	57,914
81			179	16,779	941	49,384
82			112	10,553	840	45,568
83			80	6,157	690	37,652
84			51	4,727	613	32,459
85			53	4,302	460	24,073
86			24	1,804	331	17,728
87			19	1,451	239	13,429
88			8	700	200	11,230
89			7	419	108	5,855
90			1	39	87	4,483
91			1	62	48	2,614
92			1	44	41	2,204
93					24	1,374
94					10	514
95					11	435
96					2	125
97					3	170
98					1	54
99						
101						
Total	351	16,668	37,725	3,383,803	31,260	1,452,897

¹ Includes voluntary annuities continued to survivors.

TABLE 6.—The number and monthly annuities of survivor annuitants on the roll, classified by age as of June 30, 1962—Survivors of deceased annuitants¹—Con.

Age	Widowers		Other men		Other women	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
19.....					1	\$30
24.....					1	74
27.....			1	\$47		
30.....			3	134		
31.....			1	40		
32.....			1	4		
33.....			1	3	1	73
35.....	3	\$110				
36.....	2	58				
37.....	1	43			2	75
38.....	2	78	2	107		
39.....					1	79
40.....	2	21	1	20	1	35
41.....	2	40				
42.....	2	43			2	45
43.....	3	80	1	78		
44.....	1	48			3	139
45.....	3	60	1	48		
46.....	5	143	2	76	2	100
47.....	8	383			2	85
48.....	6	236	1	11	1	40
49.....	8	330			4	281
50.....	7	176			3	122
51.....	11	425	1	104	4	170
52.....	7	300	4	404	3	251
53.....	7	367	2	49	4	185
54.....	21	854	2	66	5	462
55.....	16	702	1	166	3	214
56.....	14	672			5	378
57.....	14	594	2	93	3	99
58.....	23	908	1	112	4	289
59.....	18	656	2	124	5	131
60.....	12	502	1	6	2	234
61.....	24	845	3	46	4	380
62.....	19	883	1	45	6	390
63.....	18	733			1	163
64.....	36	1,872			9	488
65.....	34	1,742	1	22	10	662
66.....	30	1,512	2	112	4	169
67.....	38	1,008			4	424
68.....	49	2,298	2	72	7	428
69.....	48	2,364	1	9	12	1,012
70.....	45	1,689			11	660
71.....	37	1,461	1	41	8	512
72.....	27	1,163	1	35	8	752
73.....	40	1,937	2	61	6	738
74.....	39	1,677			7	639
75.....	33	1,117			9	1,043
76.....	29	1,281			10	609
77.....	27	1,235			5	512
78.....	43	1,560			5	451
79.....	34	1,139	1	116	7	577
80.....	25	853	1	29	10	868
81.....	21	793			4	338
82.....	23	938			4	198
83.....	30	1,074			5	535
84.....	17	616			1	191
85.....	15	696			1	35
86.....	17	550			1	185
87.....	15	551			1	98
88.....	10	406				
89.....	7	277			1	120
90.....	11	355				
91.....	2	59			1	136
92.....	4	182				
93.....	2	32				
94.....	1	76			1	34
95.....	3	127				
97.....	1	24				
Total.....	1,052	43,649	47	2,280	225	17,028

¹ Includes voluntary annuities continued to survivors.

TABLE 7.—The number and monthly annuities of widows and widowers granted annuities under sec. 2 of Public Law 85-465 classified by age as of June 30, 1962

Age	Num-ber	Monthly annuities	Age	Num-ber	Monthly annuities	Age	Num-ber	Monthly annuities
45.....	4	\$101	66.....	489	\$18,489	87.....	291	\$10,356
46.....	1	36	67.....	507	19,587	88.....	243	12,450
47.....	4	101	68.....	508	19,596	89.....	161	7,068
48.....	14	469	69.....	562	22,342	90.....	163	7,070
49.....	12	460	70.....	609	24,177	91.....	79	3,461
50.....	18	520	71.....	562	23,858	92.....	89	3,788
51.....	31	931	72.....	674	27,904	93.....	74	3,390
52.....	25	859	73.....	672	23,153	94.....	49	2,119
53.....	40	1,226	74.....	758	33,573	95.....	24	1,023
54.....	59	1,871	75.....	622	26,232	96.....	29	1,190
55.....	65	2,186	76.....	714	29,807	97.....	15	651
56.....	79	2,729	77.....	662	28,240	98.....	7	270
57.....	116	3,809	78.....	635	27,794	99.....	2	76
58.....	134	4,438	79.....	661	27,803	100.....	3	92
59.....	174	8,049	80.....	666	28,699	101.....	2	77
60.....	226	7,431	81.....	541	28,123	102.....	1	32
61.....	213	7,580	82.....	547	23,508	103.....	1	37
62.....	325	11,723	83.....	490	21,385			
63.....	321	11,957	84.....	404	17,570			
64.....	375	13,563	85.....	375	16,087			
65.....	408	15,394	86.....	331	14,338			
						Total.....	16,896	648,368